

Monday, October 13, 2008

12:00 noon

Blue Bird Auditorium, NB-137, Neurosensory Center

MRI: A Surrogate Measure of Pathology and Activity

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Objectives:

At the end of this presentation, participants should have an understanding of:

- Axonal pathology in MS
- The nature of grey matter disease in MS
- New measures of MS disease activity in MS
- Neuropsychological deficits and MRI measures in MS

References:

- Garg N, Zivadinov R, Ramanathan M, Vasiliu I, Ambrus J, Munschauer F, Locke J, Watts K, Lema J, Rajeswary J, Weinstock-Guttman B: Clinical and MRI Correlates of Autoreactive Antibodies in Multiple Sclerosis Patients. *Journal of Neuroimmunology* 187:159-165, 2007.
- Tavazzi E, Dwyer MG, Weinstock-Guttman B, Lema J, Bastianello S, Bergamaschi R, et al. Quantitative diffusion weighted imaging measures in patients with multiple sclerosis. *Neuroimage* 2007; 36(3): 746-754.
- Tekok-Kilic A, Benedict RH, Weinstock-Guttman B, Dwyer MG, Carone D, Srinivasaraghavan B, et al. Independent contributions of cortical gray matter atrophy and ventricle enlargement for predicting neuropsychological impairment in multiple sclerosis. *Neuroimage* 2007; 36: 1294-1130

Target Audience, Needs, Educational Methods, Activity Evaluation:

Physicians, residents, fellows, and other healthcare professionals need to be updated about new advances in the clinical and research areas for the diagnosis, treatment, and management of patients with neurological disorders. Educational methods will include lectures, case presentations, audio/video presentations, and questions & answer sessions. Participants will be asked to complete an activity evaluation.

Accreditation/Credit Designation

Baylor College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Physicians should only claim credit commensurate with the extent of their participation in the activity.